



PUBLIC NOTICE

File Number: NRS 14.321

Pursuant to Chapter 0400-4-7 of the Department's rules, the proposed activity described below has been submitted for approval under an Aquatic Resource Alteration Permit and §401 Water Quality Certification. This notice is intended to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. No decision has been made whether to issue or deny this application.

APPLICANT: TN Dept of Transportation
c/o Anthony Myers
505 Deaderick Street, Suite 900
J.K. Polk Building
Nashville, TN 37243
615-532-9945

LOCATION: State Route 6 intersection with State Route 166 in Mount Pleasant, Tennessee.
Latitude: 35.5436 Longitude: -87.2209

PROJECT DESCRIPTION: The Tennessee Department of Transportation is proposing to improve the intersection with State Route 6 (US-43) and State Route 166 in Maury County. The project will include a typical section consisting of two to four 12 ft. wide travel lanes, 10 - 12 ft. wide shoulders, and guardrail as required. As a result of this activity 730 linear feet of an unnamed tributary to Big Bigby Creek will be adversely affected. Stream losses will be offset through the TN Stream Mitigation Program.

IMPACTS:

Site #1- Unnamed tributary to Big Bigby Creek
Stream 2

Latitude: 35.5436 Longitude: -87.2209

Encapsulation of 222 linear feet of stream in a 54" box culvert

17 linear feet of stream length loss

Outfall

Mitigation required: 239 linear feet

Site #1A- Unnamed tributary to Big Bigby Creek
Stream 2

Latitude: 35.5437 Longitude: -87.2227

Current structure is 36" pipe for 303 linear feet

Extension of existing structure 114 linear feet

36 linear feet of stream length loss

Mitigation required: 150 linear feet

Site #1B- Unnamed tributary to Big Bigby Creek
Stream 2

Latitude: 35.5438 Longitude: -87.2217

2" gas line to be abandoned / removed.

6" water line to be abandoned / removed

334 linear feet of 6 ft. by 4 ft. box bridge

7 linear feet of stream length loss

2" gas line

8" water line

Mitigation required: 341 linear feet

Mitigation for the 730 linear feet of stream impacts will be satisfied through the purchase of 730 credits from the TN Stream Mitigation Program.

DEGRADATION: In accordance with the Tennessee Antidegradation Statement (Rule 0400-40-03-.06), the division has determined that the proposed activities will result in degradation to water quality.

WATERSHED / WATERBODY DESCRIPTION: The Lower Duck River Watershed is located in Middle Tennessee and includes parts of Dickson, Giles, Hickman, Humphreys, Lawrence, Lewis, Maury, Perry and Williamson counties. It drains approximately 1,548 square miles and empties to the Tennessee Western Valley Watershed. There are 81 known rare plant and animal species in the Lower Duck River Watershed. For more information on this watershed please visit the division's website at <http://www.tn.gov/environment/water/watersheds/lower-duck-river.shtml>.

Stream Name / ID #: Unnamed tributary to Big Bigby (TN06040003019_0999)

Ecoregion: 71h Outer Nashville Basin of the Interior Plateau

Stream Dimension:	Channel bottom width	2'-5' wide
	Channel top width	5'-8' wide
	Water depth	4"-8" deep
	Bank height	1'-3' deep

Substrate: Rocky with cobbles and some gravel

Designated Use	Use Support	Causes
Fish and aquatic life	Not supporting	Siltation
Recreation	Fully Assessed	
Industrial water supply	Fully supporting	
Irrigation	Fully supporting	
Livestock watering & wildlife	Fully supporting	

This unnamed tributary to Big Bigby Creek was assessed for use support on 2015. It is not supporting its designated uses for fish and aquatic life due to siltation. This assessment indicated that the stream is still achieving acceptable scores for habitat and therefore mitigation may be proposed offsite. The applicant will offset the proposed impacts by purchasing credits from the TN Stream Mitigation Program.

PERMIT COORDINATOR: Vena Jones

FACTORS CONSIDERED: In deciding whether to issue or deny a permit, the department will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The department shall consider practicable alternatives to the alteration. The department shall also consider loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.

COMMENTING: Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced. Send all written comments to the department's address listed below and to the attention of the permit coordinator.

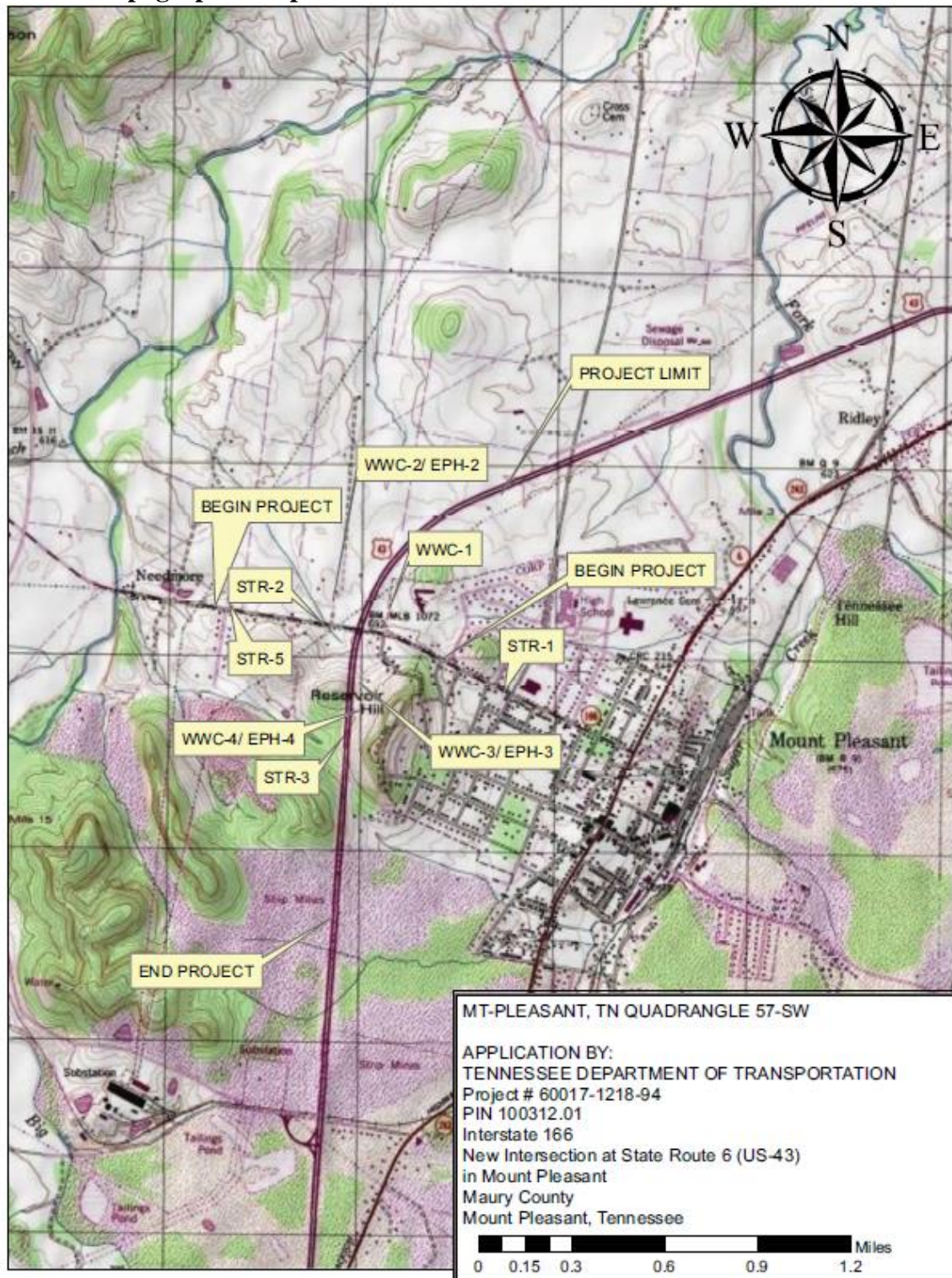
PUBLIC HEARING: Interested persons may request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing. Send all public hearing request to the department's address listed below and to the attention of the permit coordinator.

APPEAL: A permit appeal may be filed, pursuant to T.C.A. §§ 69-3-105(i) and Rule 0400-40-05, by the permit applicant or by any aggrieved person who participated in the public comment period announced by this notice. This petition must be filed within THIRTY (30) DAYS after public notice of the issuance of the permit. The petition must specify what provisions are being appealed and the basis for the appeal. It should be addressed to the technical secretary of the Tennessee Board of Water Quality, Oil and Gas at the following address: Tisha Calabrese Benton, Director, Division of Water Resources, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Ave, 11th floor, Nashville, TN 37243. Any hearing would be in accordance with T.C.A. §§69-3-110 and 4-5-301 et seq.

FILE REVIEW: The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address (listed below) for review and/or copying.

Tennessee Department of Environment & Conservation
Division of Water Resources, Natural Resources Unit
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor
Nashville, Tennessee 37243

Location/Topographic Map



Site Designs

